


FORM PTO 1390 (REV 5-98) US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NUMBER 2006_1311A
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. § 371		U.S. APPLICATION NO. (if known, see 37 CFR 1.51) NE 10/589331
International Application No. PCT/JP2005/002181	International Filing Date February 14, 2005	Priority Date Claimed February 13, 2004
Title of Invention METHOD OF AND APPARATUS FOR PRODUCING SUB-CRITICAL WATER DECOMPOSITION PRODUCTS		
Applicant(s) For DO/EO/US Hiroyuki YOSHIDA		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. § 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. § 371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. § 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. § 371(b) and PCT Articles 22 and 39(1). 4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). <b>ATTACHMENT A</b> b. <input type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) 6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. § 371(c)(2)). <b>ATTACHMENT B</b> 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)). a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19. 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. § 371(c)(4)) along with a Submission of English/Japanese Declaration and Power of Attorney. <b>ATTACHMENT C</b> 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)). <b>Items 11. to 14. below concern other document(s) or information included:</b> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <b>ATTACHMENT D</b> 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <b>ATTACHMENT E</b> 13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment. <b>ATTACHMENT F</b> <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment. 14. <input checked="" type="checkbox"/> Other items or information: a. Form PCT/IB/304. <b>ATTACHMENT G</b>		

NOT FOR PUBLICATION  
 AUTHORIZED  
 TO BE USED IN THE  
 DEPOSIT

U.S. APPLICATION NO. <b>531</b> NEW		INTERNATIONAL APPLICATION NO. PCT/JP2005/002181		ATTORNEY'S DOCKET NO. 2006_1311A	
15. <input checked="" type="checkbox"/> The following fees are submitted				CALCULATIONS	PTO USE ONLY
Basic National Stage Fee ..... \$300.00 National Stage Search Fee (International Search Report provided - 37 CFR 1.492(b)(2)) ..... \$400.00 National Stage Examination Fee ..... \$200.00 Specification/drawings in excess of 100 pages (units of 50 x \$250.00) = ..... \$					
ENTER APPROPRIATE BASIC FEE AMOUNT =					
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
Claims	Number Filed	Number Extra	Rate		
Total Claims	28 - 20 =	8	X \$50.00	\$ 400.00	
Independent Claims	6 - 3 =	3	X \$200.00	\$ 600.00	
Multiple dependent claim(s) (if applicable)			+ \$360.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$1900.00	
<input type="checkbox"/> Small Entity Status is hereby asserted. Above fees are reduced by 1/2.				\$	
SUBTOTAL =				\$1900.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+ \$	
TOTAL NATIONAL FEE =				\$1900.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$ 40.00	
TOTAL FEES ENCLOSED =				\$1940.00	
				Amount to be refunded	\$
				Amount to be charged	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1940.00</u> to cover the above fees is enclosed. A duplicate copy of this form is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 23-0975 in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>23-0975</u> .					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
19. CORRESPONDENCE ADDRESS   <div style="text-align: center;">                     CUSTOMER NO.  <b>000513</b> </div>			By:  Jeffrey R. Filipek, Registration No. 41,471  WENDEROTH, LIND & PONACK, L.L.P. 2033 "K" Street, N.W., Suite 800 Washington, D.C. 20006-1021 Phone: (202) 721-8200 Fax: (202) 721-8250  August 14, 2006		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Hiroyuki YOSHIDA : **Mail Stop: PCT**  
Serial No. NEW : Attorney Docket No. 2006\_1311A  
Filed August 14, 2006 :  
METHOD OF AND APPARATUS FOR :  
PRODUCING SUB-CRITICAL WATER :  
DECOMPOSITION PRODUCTS :  
[Corresponding to PCT/JP2005/002181  
Filed February 14, 2005]

---

**SUBMISSION OF ENGLISH/JAPANESE**  
**DECLARATION AND POWER OF ATTORNEY**

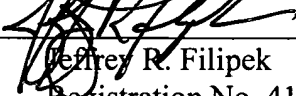
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The attached Declaration and Power of Attorney includes both Japanese language text and English language text. The English language text constitutes an accurate translation of the Japanese language text.

Respectfully submitted,

Hiroyuki YOSHIDA

By  \_\_\_\_\_  
Jeffrey R. Filipek  
Registration No. 41,471  
Attorney for Applicant

JRF/fs  
Washington, D.C. 20006-1021  
Telephone (202) 721-8200  
Facsimile (202) 721-8250  
August 14, 2006

ATTACHMENT C